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ABSTRACT

The number of staff in full-time-equivalent (FTE) positions in public elementary and secondary schools in the United States is reported in two categories: instructional staff (teachers and instructional aides); and support services staff (local education officials and administrators, school administrators, guidance counselors, librarians, and all other support services staff). The data were reported by state education agencies to the Center for Education Statistics (CES) through the Common Core of Data (CCD) system. Thirty states and the District of Columbia reported increases in the number of teachers from fall 1982 to fall 1983; 20 states reported decreases. School system officials and administrators and school administrators accounted for approximately 4.8 percent of total FTE staff in fall 1983. Although the number of officials and administrators increased by roughly the same amount as did teachers (4,200 to 5,800), the percentage increase was much larger for officials and administrators--2.3 percent compared with 0.3 percent for teachers. All other categories of staff personnel decreased: guidance counselors by 1.2 percent; librarians by 1.1 percent; and all other support personnel by about 2.0 percent. The methodology is used to obtain this data is explained, and definitions of staff assignments are provided. Five tables are appended. (MLF)

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February 1987

Staff in Public Elementary and Secondary Schools and School Systems, Fall 1983

In fall 1983, there were more than 3,907,500 full-time-equivalent (FTE)[1] employed staff personnel in public elementary and secondary schools in the 50 States and the District of Columbia (table 1).[2] This amount is a decrease in staff of 23,800 or 0.6 percent (table 3) from the more than 3,931,300 FTE staff employed in fall 1982 (table 2).

This Bulletin expresses the number of staff in FTEs and reports the data on staff assignments in two categories: instructional staff (teachers and instructional aides), and support services staff (LEA, or local education agency) officials and administrators, school administrators, guidance counselors, librarians, and all other support services staff).[3]

[1]Full-time equivalency of assignment is the amount of time required to perform a part-time assignment divided by the amount of time required in a corresponding full-time assignment.

[2]The data were reported by State education agencies to the Center for Education Statistics (CES) through the Common Core of Data (CCD) system. See the methodology section for details of the data collection process.
Also see the note at the bottom of tables 1 and 2 for estimated undercount of about 80,000 support staff.

[3]See the definitions of staff assignments at the end of this report.

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Instructional Staff

Teachers. In fall 1983, the 50 States and the District of Columbia employed 2,126,600 FTE teachers in their public elementary and secondary schools, an increase of 5,800 (0.3 percent) over the 2,120,800 teachers reported in fall 1982. The 1983 figure represents 54.4 percent of the 3.9 million total employed staff in local education agencies.

Thirty States and the District of Columbia reported increases in the number of teachers from fall 1982 to fall 1983. The States with the largest increases, Ohio and Texas, each reported about 2,800 additional teachers. Florida and New York were next, with reported increases of about 1,700 and 1,100 respectively. The others reported increases ranging from about 700 down to about 20 teachers (table A).

Twenty States reported decreases. Illinois reported the largest decrease--nearly 2,500 teachers--followed by Pennsylvania, with a decrease of about 1,600 teachers. The remaining States experienced decreases ranging from nearly 1,000 down to 4 (table B).

Instructional Aides. The 278,100 FTE instructional aides reported in fall 1983 represented 7.1 percent of the total FTE staff for that year. This reflects a decrease of about 7,500 aides (-2.6 percent) from the 285,700 reported in fall 1982.[4]

Support Services Staff

Officials and Administrators and School Administrators. School system officials and administrators and school administrators accounted for approximately 188,000 FTEs or 4.8 percent of total FTE staff in fall 1983. This category of staff increased by 4,200 members (2.3 percent) from fall 1982. Although the number of officials and administrators increased by roughly the same amount as did teachers (4,200 to 5,800), the percentage increase was much larger for officials and administrators--2.3 percent compared with 0.3 percent for teachers.

Guidance counselors. Guidance and counseling personnel numbered 62,600 in fall 1983. These staff composed 1.6 percent of the total FTE staff for that year. There were about 800 fewer FTE counselors in fall 1983 than in fall 1982, a 1.2 percent decrease. The 62,600 FTE counselors produced a ratio of 15.9 counselors for each 10,000 students, based upon the 39.3 million students in fall 1983.[5]

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[4]A count of instructional aides was not available from Connecticut. For Nevada, they were included with all other support staff. In California, Indiana, and Oklahoma, library support staff were included with instructional aides.

[5]This number is taken from "Public School Enrollment, Fall 1983," U.S. Department of Education, National Center for Education Statistics.

Librarians. In fall 1983, there were 46,500 FTE librarians who accounted for 1.2 percent of total FTE staff. This figure was down by about 500 (-1.1 percent) from 1982.

All other Support Personnel. In 1983, all other support personnel numbered 1,205,800 (30.9 percent of all staff). This number represents a decrease (by about 2.0 percent) of 25,000 from fall 1982.[6]

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[6]As indicated, Nevada included instructional aides in all other support staff. Data were not available for library support staff from the following States: Alabama, Connecticut, Florida, Georgia, Hawaii, Montana, Nebraska, North Carolina, Oregon, Tennessee and Virginia. Administrative support staff data were not available for Florida, Hawaii, Maine, and Montana. Connecticut did not report noncertified personnel. Montana and Texas did not report a number of types of noncertified personnel. It is estimated that the undercount from nonreporting is about 80,000 support personnel (see note at bottom of tables 1 and 2).

Methodology

The information in this bulletin comes from the Common Core of Data (CCD) survey, Part V--State Nonfiscal Report. The Center for Education Statistics (CES) conducts this survey annually with the assistance of State education agencies (SEAs) in the 50 States, the District of Columbia, and outlying areas under U.S. jurisdiction. The data are derived from State administrative records. This bulletin does not include data from the outlying areas, but these data are available upon request.

In obtaining data for its administrative record system, each SEA obtains fall membership reports from the local education agencies (LEAs) that operate public schools. Since each SEA uses various collection methodologies to obtain these data, the "as of" dates for membership count may vary from State to State. According to its own procedures, each SEA may edit or examine the individual LEA reports before computing State totals. Upon receipt of the data from each State, CES edits the reports using a machine edit procedure to check for internal and longitudinal consistency. Questionable entries identified through the machine edit process are returned to the SEA for verification or correction prior to publication.

Some States were not able to respond exactly according to the staff categories requested. Nevada, for example, included instructional aides with all other support staff. California, Oklahoma, and Indiana included library support staff with instructional aides. These exceptions are indicated in footnotes 2 and 6 and in the footnotes to the tables; to the limited extent that they occur, the data for the categories involved are inexact.

Definitions of Staff Assignments

Instructional (teacher) aides--Those staff members assigned to assist a teacher with routine activities associated with teaching (i.e., those activities requiring minor decisions regarding students such as monitoring, conducting rote exercises, operating equipment, and clerking). Volunteer aides are not included in this category.

Officials and administrators--The chief executive officers of the education agencies (such as superintendents and deputies) and all other persons having district-wide responsibility. Such positions may be business managers, administrative assistants, coordinators and the like, and those staff members whose activities are concerned with directing and managing the operation of a particular school. They include the activities performed by the principal, assistant principals, and other assistants while they supervise all operations of the school, evaluate the staff members of the school, assign duties to staff members, supervise and maintain the records of the school, and coordinate school instructional activities with those of the LEA and other appropriate units.

Guidance counselors/directors--Those professional staff whose activities involve counseling students and parents, consulting with other staff members on learning problems, evaluating the abilities of students, assisting students as they make their own educational and career plans and choices, assisting students in personal and social development, providing referral assistance, and working with other staff members in planning and conducting guidance programs for students.

Librarians (school library services)--Those staff members assigned to perform professional library service activities such as selecting, acquiring, preparing, cataloging, and circulating books and other printed materials; planning the use of the library by students, teachers and other members of the instructional staff; and guiding individuals in their use of library books and materials, whether maintained separately or as a part of an instructional materials center.

School administrative support staff--Those personnel that are assigned to the staffs of the officials and administrators. They may be assistants, clerks, department supervisors, or the like. They may also be staff whose activities support the teaching and administrative duties associated with the principals' offices.

All other support services staff--All staff that are not included in the other categories. This includes those staff members that are assigned to the staff of officials and administrators--assistants, clerks, and those staff whose activities also include the work of clerical staff in support of teaching and administrative duties involved with the offices of the principals. Also included are media personnel (other than librarians), library support staff, social workers, data processing, health, maintenance, bus drivers, security, clerical, cafeteria workers and other staff.

Table A.--States with an increase in number of teachers, fall 1982 to fall

States with an increase in teachers	Number of teachers		Increase from fall 19 to fall 1983	
	Fall 1982	Fall 1983	Number	Perc
Ohio	94,126	96,927	2,801	3.
Texas	167,835	170,629	2,794	1.
Florida	83,301	85,028	1,727	2.
New York	144,591	145,647	1,056	0.
Missouri	46,047	46,761	714	1.
Washington	34,056	34,757	701	2.
Maine	12,910*	13,492	582	4.
Alaska	5,710*	6,259	549	9.
South Dakota	7,974	8,355	381	4.
Massachusetts	56,498	56,873	375	0.
Virginia	56,038	56,388	350	0.
West Virginia	22,159	22,503	344	1.
Oregon	24,074	24,409	335	1.
Utah	15,336	15,640	304	2.
Wyoming	6,706	7,010	304	4.
Wisconsin	45,047	45,311	264	0.
Alabama	35,619	35,875	256	0.
Kentucky	32,237	32,458	221	0.
District of Columbia	5,355	5,569	214	4.
New Mexico	14,323	14,532	209	1.
Nebraska	17,381	17,548	167	1.
Nevada	7,222	7,366	144	2.
South Carolina	32,244	32,323	79	0.
Arizona	26,190	26,268	78	0.
New Hampshire	9,758	9,821	63	0.
Idaho	9,790	9,847	57	0.
Vermont	6,189	6,242	53	0.
Georgia	56,510	56,555	45	0.
Kansas	26,056	26,096	40	0.
Oklahoma	34,960	34,999	39	0.
Delaware	5,409	5,429	20	0.

*/Data were imputed by CES based on membership and previous year's data.

Table B.--States with a decrease in number of teachers, fall 1982 to fall 1

States with a decrease in teachers	Number of teachers		Decrease from fall 198 to fall 1983	
	Fall 1982	Fall 1983	Number	Perc
Illinois	104,619	102,130	2,489	2.
Pennsylvania	103,855	102,207	1,648	1.
Colorado	29,380	28,421	959	3.
New Jersey	74,303	73,593	710	1.
Louisiana	42,697	42,200	497	1.
Maryland	37,760	37,275	485	1.
Connecticut	32,760	32,317	443	1.
California	174,674	174,290	384	0.
Minnesota	39,775	39,392	383	1.
Michigan	80,364	79,982	382	0.
Iowa	32,110	31,779	331	1.
Tennessee	39,660	39,409	251	0.
Mississippi	25,176	24,955	221	0.
North Carolina	55,261	55,126	135	0.
Hawaii	7,077	7,007	70	1.
Montana	9,517	9,479	38	0.
Indiana	50,528	50,509	19	0.
Arkansas	23,713	23,696	17	0.
Rhode Island	8,854	8,848	6	0.
North Dakota	7,071	7,067	4	0.

Table 1.–Number and percentage of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1983

STATE	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)											
		INSTRUCTIONAL STAFF				SUPPORT STAFF							
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL OTHER SUPPORT STAFF	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL 50 STATES AND D.C.	3,987,543	2,120,599	54.4	278,126	7.1	168,010	4.8	62,502	1.6	46,471	1.2	1,285,767	30.9
ALABAMA	57,913	35,875	61.9	2,454	4.2	2,687	4.6	661	1.1	1,155	2.0	[1]15,081	26.0
ALASKA	11,158	6,259	56.1	978	8.8	519	4.7	191	1.7	142	1.3	3,061	27.5
ARIZONA	59,371	26,208	54.1	3,788	7.3	2,275	4.5	685	1.4	586	1.2	16,857	33.5
ARKANSAS	40,260	23,696	58.5	2,131	4.8	2,378	5.4	547	1.2	691	1.6	14,817	33.5
CALIFORNIA	380,604	174,298	45.8	[2]47,639	12.5	22,478	5.9	6,556	1.2	1,148	0.3	[1]130,589	34.3
COLORADO	53,981	28,421	52.7	3,498	6.5	2,749	5.1	928	1.7	717	1.3	17,678	32.7
CONNECTICUT	36,989	32,317	87.4	[3]	[3]	2,311	6.2	1,795	4.9	566	1.5	[3]	[3]
DELAWARE	9,916	5,429	54.7	579	5.8	482	4.9	151	1.5	107	1.1	3,168	31.9
DISTRICT OF COLUMBIA	10,038	5,569	55.5	534	5.3	482	4.8	244	2.4	188	1.8	3,029	30.2
FLORIDA	161,371	85,828	52.7	14,677	9.1	7,183	4.4	3,159	2.0	2,191	1.4	[4]49,213	30.5
GEORGIA	110,482	56,555	51.2	9,188	8.2	5,888	4.5	1,183	1.1	1,833	1.7	[1]36,811	33.3
HAWAII	14,987	7,887	48.8	785	5.2	556	3.7	383	2.6	246	1.6	[4]6,818	40.3
IDAHO	15,449	9,847	63.7	819	5.3	820	5.3	243	1.6	173	1.1	3,547	23.0
ILLINOIS	177,601	102,130	57.5	[2]9,186	5.2	5,908	3.4	2,231	1.3	2,211	1.2	55,875	31.5
INDIANA	99,148	58,589	58.9	[2]6,172	6.2	3,484	3.5	1,299	1.3	1,142	1.2	30,534	30.8
IOWA	58,288	31,779	54.5	2,626	4.5	2,862	3.5	987	1.6	679	1.2	20,235	34.7
KANSAS	45,223	26,096	57.7	2,284	4.9	1,988	4.2	936	2.1	885	2.0	13,194	29.2
KENTUCKY	62,485	32,458	52.0	2,758	4.4	2,937	4.7	807	1.3	1,188	1.8	22,485	35.9
LOUISIANA	86,388	42,288	48.9	6,581	7.5	4,187	4.8	884	1.8	1,117	1.3	31,571	36.5
MAINE	22,262	13,492	60.6	1,968	8.8	1,228	5.5	352	1.6	287	0.9	[5]5,823	22.6
MARYLAND	78,993	37,278	52.5	4,778	6.7	2,478	3.5	1,231	1.7	972	1.4	24,267	34.2
MASSACHUSETTS	97,224	56,873	58.5	6,895	6.3	4,215	4.3	1,955	2.8	668	0.7	27,426	28.2
MICHIGAN	162,735	79,982	49.1	9,987	6.1	13,221	8.1	3,196	2.8	1,547	1.0	54,802	33.7
MINNESOTA	78,758	39,392	55.7	6,193	8.8	3,897	4.4	858	1.2	720	1.0	20,498	29.0
MISSISSIPPI	51,115	28,955	48.8	3,951	7.7	2,898	4.1	762	1.4	736	1.4	18,887	36.8
MISSOURI	88,348	46,761	52.9	3,347	3.8	4,617	5.2	2,886	2.3	1,289	1.4	30,344	34.3
MONTANA	12,313	9,479	77.0	1,189	9.8	686	5.6	302	2.5	323	2.6	414	3.4
NEBRASKA	30,578	17,548	57.4	2,843	6.7	1,552	5.1	589	1.7	585	1.7	[1]8,421	27.5
NEVADA	12,703	7,366	58.8	[7]	[7]	453	3.6	229	1.8	151	1.2	[1]4,504	35.5
NEW HAMPSHIRE	15,993	9,821	61.4	1,363	8.5	626	3.9	395	2.5	151	0.9	3,637	22.7
NEW JERSEY	134,678	73,593	54.6	6,811	5.6	7,219	5.4	2,256	1.7	1,685	1.2	45,188	33.6
NEW MEXICO	27,363	14,532	53.1	2,099	7.7	1,629	6.0	528	1.9	267	1.0	8,316	30.4
NEW YORK	296,781	145,647	49.1	19,078	6.4	10,231	3.4	4,462	1.5	2,694	0.9	114,669	38.6
NORTH CAROLINA	186,239	95,126	51.9	16,811	15.1	5,813	4.7	1,692	1.5	1,817	1.7	[1]26,678	25.6
NORTH DAKOTA	12,359	7,867	57.2	661	5.3	703	5.7	156	1.3	176	1.4	3,596	29.1
OHIO	177,623	96,927	54.6	6,116	3.4	9,637	5.4	2,733	1.5	1,697	1.0	60,513	34.1
OKLAHOMA	68,772	34,999	57.6	[3]3,317	5.5	2,974	4.9	1,892	1.8	649	1.1	17,741	29.1
OREGON	45,742	24,489	53.4	3,557	7.8	2,251	4.9	933	2.0	765	1.7	[1]13,827	30.2
PENNSYLVANIA	185,466	102,287	55.1	9,118	4.9	6,412	3.5	3,224	1.7	1,963	1.1	62,550	33.7
RHODE ISLAND	14,088	8,848	62.8	804	5.7	675	4.8	352	2.5	216	1.5	3,185	22.6
SOUTH CAROLINA	58,186	32,323	55.6	4,827	8.9	2,627	4.5	974	1.7	1,889	1.9	17,866	29.7
SOUTH DAKOTA	15,376	8,355	54.3	1,848	6.8	575	3.7	219	1.4	171	1.1	5,816	32.8
TENNESSEE	76,134	39,489	51.8	4,818	5.3	4,975	6.5	828	1.1	1,266	1.7	[1]25,638	33.7
TEXAS	241,918	178,629	78.5	23,588	9.7	13,138	5.4	3,973	1.6	3,171	1.3	[8]27,427	11.3
UTAH	28,823	15,648	56.5	2,187	7.9	1,186	4.4	371	1.4	318	1.2	7,281	26.2
VERMONT	11,688	6,242	53.4	1,865	9.1	858	7.3	191	1.6	178	1.5	3,162	27.1
VIRGINIA	102,828	56,388	54.8	7,384	7.2	4,684	4.5	1,958	1.9	1,726	1.7	[1]30,764	29.9
WASHINGTON	61,812	34,757	57.8	3,878	6.4	3,123	5.1	1,128	1.9	1,884	1.8	17,883	27.8
WEST VIRGINIA	40,299	22,503	55.8	2,785	6.7	1,727	4.3	585	1.3	357	0.9	12,582	31.2
WISCONSIN	77,872	45,311	58.8	4,727	6.1	3,138	4.1	1,348	1.7	1,879	1.4	21,469	27.6
WYOMING	13,582	7,818	57.8	882	6.5	778	5.7	157	1.2	147	1.1	4,888	33.8

[1] Data not available for library support staff.
[2] Library support staff included with instructional aides.
[3] Data not available.
[4] Data not available for library support staff and administrative support staff.
[5] Data not available for administrative support staff.
[6] Data not available for library support staff, administrative support staff and a number of other types of noncertified personnel.
[7] Instructional aides included in all other support staff.
[8] A number of types of noncertified personnel not reported.

NOTE.–See Methodology section for a description of the data editing and State verification procedures.

The actual figure for "all other support staff" is an undercount due to nonreporting of some types of support staff as indicated. An estimate of the undercount was made by taking the national percentage of these types of staff (0.5 percent for library aides, 7.8 percent for administrative support staff, for example) as a basis for estimation and applying the percentages to the individual State staff totals for those States where data were not reported. It is estimated that the undercount for "all other support staff" and hence for "total staff" is about 80,000.

Table 2.–Number and percentage of staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1982

STATE AND OTHER AREA	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)											
		INSTRUCTIONAL STAFF				SUPPORT STAFF							
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL OTHER SUPPORT STAFF	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TOTAL 50 STATES AND D.C.	3,931,312	2,120,885	54.0	285,651	7.3	183,826	4.7	63,312	1.6	46,979	1.2	1,230,739	31.2
ALABAMA	65,554	35,619	54.3	2,930	4.5	2,716	4.1	859	1.3	1,155	1.8	[1]22,475	34.3
ALASKA	8,384	5,710	68.1	995	11.9	424	5.1	174	2.1	147	1.8	934	11.1
ARIZONA	58,270	26,190	54.1	3,679	7.3	2,342	4.7	708	1.4	594	1.2	16,757	33.3
ARKANSAS	44,888	23,713	53.8	2,260	5.1	2,356	5.3	554	1.3	702	1.6	14,503	32.9
CALIFORNIA	342,341	174,674	48.5	[2]50,382	14.9	18,127	6.1	4,438	1.1	1,145	0.3	137,663	35.1
COLORADO	55,725	29,388	52.7	4,278	7.7	3,032	5.4	918	1.6	718	1.3	17,415	31.3
CONNECTICUT	37,463	32,700	87.4	3	3	2,312	6.2	1,824	4.9	567	1.5	.	.
DELAWARE	9,980	5,489	54.2	558	5.6	517	5.2	145	1.5	109	1.1	3,242	32.5
DISTRICT OF COLUMBIA	10,081	5,355	53.1	710	7.0	478	4.7	248	2.5	170	1.7	3,128	31.0
FLORIDA	168,524	83,381	51.9	13,216	8.2	7,102	4.4	3,284	2.0	2,286	1.4	[4]51,415	32.0
GEORGIA	110,422	56,510	51.2	9,185	8.2	4,998	4.5	1,176	1.1	1,835	1.7	[1]36,798	33.3
HAWAII	15,318	7,877	44.2	911	5.9	572	3.7	378	2.5	267	1.6	[4]6,133	40.0
IDAHO	15,310	9,798	63.9	769	5.0	822	5.4	258	1.6	171	1.1	3,508	22.9
ILLINOIS	181,481	104,619	57.6	9,851	5.4	6,163	3.4	2,367	1.3	2,383	1.3	56,978	31.4
INDIANA	98,586	50,528	51.3	[2]5,853	5.9	3,589	3.6	1,334	1.4	1,167	1.2	34,284	34.7
IOWA	58,627	32,110	55.6	2,629	4.5	2,091	3.6	989	1.6	674	1.2	20,814	34.3
KANSAS	44,757	26,056	58.2	1,997	4.5	1,913	4.3	921	2.1	889	2.0	12,981	29.0
KENTUCKY	62,476	32,237	51.6	2,841	4.5	2,745	4.4	825	1.3	1,187	1.8	22,921	36.6
LOUISIANA	85,457	42,697	50.0	6,218	7.3	3,904	4.6	828	1.0	1,171	1.4	30,575	35.8
MAINE	21,380	12,910	60.4	1,788	8.4	1,165	5.2	334	1.6	199	0.9	[4]4,972	23.3
MARYLAND	71,285	37,760	53.0	4,684	6.6	2,493	3.5	1,274	1.8	1,885	1.4	24,089	33.8
MASSACHUSETTS	98,177	56,498	58.7	5,822	6.1	4,494	4.6	1,989	2.0	656	0.7	26,868	27.9
MICHIGAN	166,950	88,364	48.1	18,489	6.3	16,168	9.7	3,278	2.0	1,548	0.9	55,113	33.0
MINNESOTA	72,378	39,775	55.9	6,453	8.9	3,184	4.4	869	1.2	742	1.0	21,355	29.5
MISSISSIPPI	49,134	25,176	51.2	2,479	5.0	2,131	4.3	698	1.4	741	1.5	17,909	36.4
MISSOURI	87,895	46,847	54.4	3,410	3.9	4,688	5.3	1,784	2.0	1,199	1.4	30,795	35.0
MONTANA	12,226	9,517	77.8	1,033	8.4	669	5.6	299	2.4	326	2.7	[4]362	3.0
NEBRASKA	30,383	17,381	57.2	2,123	7.0	1,527	5.0	586	1.7	485	1.6	[1]8,361	27.5
NEVADA	12,978	7,222	87.4	7	7	459	5.6	298	3.5	157	1.9	[7]4,847	1.6
NEW HAMPSHIRE	15,789	9,758	61.8	1,272	8.1	628	4.0	373	2.4	158	1.0	[1]3,888	22.9
NEW JERSEY	135,765	74,383	54.7	6,628	3.8	7,114	5.2	2,284	1.7	1,617	1.2	45,827	33.8
NEW MEXICO	27,118	14,323	52.8	2,678	9.8	1,469	5.9	581	1.8	248	0.9	8,327	30.7
NEW YORK	290,869	144,591	49.8	17,888	6.8	9,617	3.2	6,429	1.5	2,688	0.9	118,936	39.5
NORTH CAROLINA	106,685	55,201	51.8	16,022	15.8	6,951	6.8	1,598	1.5	2,817	1.9	[1]26,844	25.2
NORTH DAKOTA	12,388	7,071	57.5	689	4.9	728	5.9	137	1.1	181	1.3	3,892	29.5
OHIO	178,569	94,126	54.7	5,772	3.2	9,284	5.2	2,868	1.6	1,749	1.0	64,838	36.5
OKLAHOMA	61,598	34,988	56.8	[2]3,378	5.5	3,089	4.9	1,091	1.8	683	1.0	18,562	30.1
OREGON	45,934	24,074	52.4	3,468	7.5	2,266	4.9	929	2.0	783	1.7	[1]14,414	31.4
PENNSYLVANIA	188,983	103,855	55.0	9,037	4.8	6,497	3.4	3,297	1.7	1,976	1.0	64,241	34.0
RHODE ISLAND	14,118	8,854	62.7	803	5.7	679	4.8	352	2.5	222	1.6	3,208	22.7
SOUTH CAROLINA	58,384	32,244	55.2	4,114	7.1	2,676	4.6	971	1.7	1,092	1.9	17,287	29.5
SOUTH DAKOTA	14,865	7,974	54.7	1,081	7.1	780	5.2	286	1.5	179	1.3	3,965	28.2
TENNESSEE	77,867	39,668	50.9	6,173	5.4	5,859	6.5	843	1.1	1,263	1.6	[1]26,869	34.5
TEXAS	248,477	167,835	69.8	24,892	10.3	12,936	5.4	4,826	2.0	3,187	1.3	[8]27,881	11.3
UTAH	28,568	15,336	57.7	1,583	6.0	1,068	4.0	369	1.4	331	1.2	7,881	29.7
VERMONT	11,532	6,189	53.7	1,039	9.0	859	7.4	191	1.7	175	1.5	3,079	26.7
VIRGINIA	102,664	56,838	54.6	7,278	7.1	4,637	4.5	1,984	1.9	1,765	1.7	[1]31,842	30.2
WASHINGTON	59,622	34,056	57.1	3,858	6.5	3,096	5.2	1,095	1.8	1,078	1.8	16,439	27.6
WEST VIRGINIA	48,128	22,159	55.2	2,619	6.5	1,716	4.3	588	1.2	349	0.9	12,785	31.9
WISCONSIN	78,858	45,847	58.0	4,466	5.8	3,498	4.6	1,358	1.8	1,882	1.4	21,413	27.9
WYOMING	12,844	6,786	54.2	792	6.2	762	5.9	149	1.2	139	1.1	4,296	33.4
OTHER AREAS:													
GUAM	2,593	1,323	51.0	185	7.1	71	2.7	66	2.5	19	0.7	929	35.8
PUERTO RICO	37,583	32,845	87.4	1,569	4.2	1,559	4.1	518	1.4	579	1.5	521	1.4
VIRGIN ISLANDS	3,919	1,847	47.1	403	10.3	176	4.5	73	1.9	43	1.1	1,577	40.2

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[7] Instructional aides included in all other support staff.
[8] A number of types of noncertified personnel not reported.

NOTES.–See Methodology section for a description of the data editing and State verification procedures.

The actual figure for "all other support staff" is an undercount due to nonreporting of some types of support staff as indicated. An estimate of the undercount was made by taking the national percentage of these types of staff (0.5 percent for library aides, 7.8 percent for administrative support staff, for example) as a basis for estimation and applying the percentages to the individual State staff totals for those States where data were not reported. It is estimated that the undercount for "all other support staff" and hence for "total staff" is about 80,000.

Table 3.–Number and percentage of change in staff employed by public school systems, by type of staff, and by State: 50 States and D.C., fall 1982 to fall 1983

STATE	TOTAL STAFF	(FULL-TIME EQUIVALENT ASSIGNMENTS)										
		INSTRUCTIONAL STAFF				SUPPORT STAFF						
		TEACHERS		INSTRUCTIONAL AIDES		OFFICIALS AND ADMINISTRATORS AND SCHOOL ADMINISTRATORS		GUIDANCE COUNSELORS		LIBRARIANS		ALL OTHER SUPPORT STAFF
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER
TOTAL 50 STATES AND D.C.	-23,769	5,798	0.3	-7,525	-2.6	4,192	2.3	-750	-1.2	-588	-1.1	-24,972
ALABAMA	-7,641	256	0.7	-476	-18.2	-29	-1.1	2	0.3	0	0.0	[1]-7,394
ALASKA	2,766	549	9.6	-17	-1.7	95	22.4	17	9.8	-5	-3.4	2,127
ARIZONA	101	78	0.3	21	0.6	-67	-2.9	-23	-3.2	-8	-1.3	100
ARKANSAS	172	-17	-0.1	-129	-5.7	22	0.9	-7	-1.3	-11	-1.6	314
CALIFORNIA	-11,737	-384	-0.2	[2]-10,863	-18	6,343	39.3	126	2.8	-5	-0.4	-7,154
COLORADO	-1,744	-959	-3.3	-788	-18.4	-283	-9.3	18	2.8	7	1.0	261
CONNECTICUT	-474	-443	-1.4	3	3	-1	0.0	-29	-1.6	-1	-0.2	.
DELAWARE	-64	20	0.4	21	3.8	-35	-6.8	6	4.1	-2	-1.8	-74
DISTRICT OF COLUMBIA	-43	214	4.0	-176	-24.8	12	2.6	-4	-1.6	10	5.9	-99
FLORIDA	847	1,727	2.1	1,461	11.1	1	0.0	-45	-1.4	-95	-4.2	[4]-2,202
GEORGIA	60	45	0.1	-5	-0.1	2	0.0	7	0.6	-2	-0.1	13
HAWAII	-331	-70	-1.0	-126	-14	-16	-2.8	5	1.3	-1	-0.4	[4]-123
IDAHO	139	57	0.6	50	6.5	-2	-0.2	-7	-2.8	2	1.2	39
ILLINOIS	-3,880	-2,489	-2.4	[3]139	1.5	-195	-3.2	-136	-5.7	-92	-4.0	-1,103
INDIANA	554	-19	0.0	[3]319	5.5	-16	-0.5	-35	-2.6	-25	-2.1	330
IOWA	-139	-331	-1.0	-3	-0.1	-29	-1.4	-2	-0.2	5	0.7	221
KANSAS	466	48	0.2	207	10.4	-5	-0.3	15	1.6	-4	-0.4	213
KENTUCKY	-211	221	0.7	-83	-2.9	192	7.0	-18	-2.2	-7	-0.6	-516
LOUISIANA	923	-497	-1.2	283	4.6	139	3.5	56	0.8	-54	-4.6	996
MAINE	954	582	4.5	172	9.6	123	11.1	18	5.4	8	4.0	[5]51
MARYLAND	-292	-485	-1.3	86	1.8	-15	-0.6	-43	-3.4	-33	-3.3	198
MASSACHUSETTS	1,047	375	0.7	273	4.7	-229	-5.2	46	2.4	4	0.6	578
MICHIGAN	-4,215	-382	-0.5	-502	-4.8	-2,939	-18	-82	-2.5	1	0.1	-311
MINNESOTA	-1,620	-383	-1.0	-260	-4.8	-87	-2.7	-11	-1.3	-22	-3.0	-857
MISSISSIPPI	1,981	-221	-0.9	1,472	59.4	-41	-1.9	4	0.6	-11	-1.5	778
MISSOURI	449	714	1.6	-63	-1.8	-63	-1.3	382	17.1	10	0.8	-451
MONTANA	87	-38	-0.9	76	7.4	-3	-0.4	3	1.0	-3	-0.9	[6]52
NEBRASKA	195	167	1.9	-88	-3.8	25	1.6	3	0.6	20	4.1	[1]68
NEVADA	-272	144	2.9	7	7	-6	-1.3	-61	-21.0	-6	-3.8	[7]-343
NEW HAMPSHIRE	204	63	0.6	91	7.2	-2	-0.3	22	5.9	1	0.7	29
NEW JERSEY	-1,095	-710	-1.0	191	0.1	105	1.5	-30	-1.3	-12	-0.7	-639
NEW MEXICO	245	209	1.5	-571	-21	580	55.3	19	3.8	19	7.7	-11
NEW YORK	712	1,056	0.7	1,270	7.1	614	6.4	33	0.7	6	0.2	-2,267
NORTH CAROLINA	-446	-135	-0.4	-11	-0.1	62	1.3	12	0.8	-200	-9.9	[1]-174
NORTH DAKOTA	51	-4	-0.1	52	8.5	-25	-3.4	19	13.9	15	9.3	-6
OHIO	-926	2,801	3.0	344	6.0	433	6.7	-127	-4.4	-52	-3.0	-4,325
OKLAHOMA	-818	39	0.1	[2]-53	-1.6	-30	-1.0	1	0.1	46	7.6	-821
OREGON	-192	335	1.4	89	2.6	-15	-0.7	4	0.4	-18	-2.3	-587
PENNSYLVANIA	-3,437	-1,648	-1.0	73	0.8	-85	-1.3	-73	-2.2	-13	-0.7	-1,691
RHODE ISLAND	-38	-6	-0.1	1	0.1	-4	-0.6	0	0.0	-6	-2.7	-23
SOUTH CAROLINA	-198	79	0.2	-87	-2.1	-49	-1.8	3	0.3	-3	-0.3	-141
SOUTH DAKOTA	1,311	381	4.8	39	3.9	-165	-22.3	13	6.3	-8	-4.5	1,051
TENNESSEE	-1,733	-251	-0.6	-155	-3.7	-84	-1.7	-15	-1.8	3	0.2	[1]-1,231
TEXAS	1,433	2,794	1.7	-1,112	-4.5	194	1.5	-853	-17.7	64	2.1	346
UTAH	255	304	2.0	524	33.1	118	11.0	2	0.5	-13	-3.9	-680
VERMONT	156	53	0.9	26	2.5	-9	-1.0	0	0.0	3	1.7	83
VIRGINIA	156	350	0.6	106	1.5	-33	-0.7	50	2.6	-39	-2.2	-278
WASHINGTON	1,300	701	2.1	18	0.5	27	0.9	34	3.1	6	0.6	604
WEST VIRGINIA	171	344	1.6	86	3.3	11	0.6	5	1.0	8	2.3	-283
WISCONSIN	214	264	0.6	259	5.8	-348	-10.3	-2	-0.1	-3	-0.3	56
WYOMING	738	304	4.5	98	11.4	16	2.1	8	5.4	8	5.8	312

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